

527220\_1\_Corrected Sequence Listing P510596-SEQ.ST25.TXT  
SEQUENCE LISTING

<110> Rehm, Bernd H.A.

<120> Method for producing biodegradable, functionalised, polymer particles, and use of the same as medicament carriers

<130> P510596

<140> US/10/525,955

<141> 2005-02-28

<150> PCT/DE03/002799

<151> 2003-08-22

<150> DE 102 40 034.0

<151> 2002-08-30

<160> 15

<170> PatentIn version 3.3

<210> 1

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 1  
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<210> 2

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 2  
aaaggccgga tcctcagggc actaccttca tcg 33

<210> 3

<211> 708

<212> DNA

<213> Artificial Sequence

<220>

<223> Sequence contains phaP-coding DNA from R. eutropha

<400> 3  
aaaggcccca tgatcctcac cccggaacaa gttgcagcag cgcaaaaggc caacctcgaa 60  
acgctgttcg gcctgaccac caaggcgttt gaaggcgtcg aaaagctcgt cgagctgaac 120  
ctgcaggctcg tcaagacttc gttcgagaa ggcgttgaca acgccaagaa ggcgctgtcg 180  
gccaaaggacg cacaggaact gctggccatc caggccgcag ccgtgcagcc ggttgccgaa 240

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aagaccctgg cctacacccg ccacctgtat gaaatcgctt cggaaccaca gagcgagttc 300
accaaggtag ccgaggctca actggccgaa ggctcgaaga acgtgcaagc gctggtcgag 360
aacctcgcca agaacgcccc ggccggttcg gaatcgaccg tggccatcgt gaagtcggcg 420
atctccgctg ccaacaacgc ctacgagtcg gtgcagaagg cgaccaagca agcggtcgaa 480
atcgctgaaa ccaacttcca ggctgcggct acggctgcca ccaaggctgc ccagcaagcc 540
agcgccacgg cccgtacggc cacggcaaag aagacgacgg ctgcctgata actgcctgcg 600
ttgaagatgg accggctgcg gccgggtccgt tggcaaagca tatcgacgcc tggcgtttgc 660
gggtgtgttt gccaacgatg aaggtagtgc cctgaggatc cggccttt 708

```

```

<210> 4
<211> 34
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Primer

```

```

<400> 4
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```

```

<210> 5
<211> 39
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Primer

```

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<400> 5
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```

```

<210> 6
<211> 793
<212> DNA
<213> Artificial Sequence

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```

<220>
<223> Sequence contains phaF-coding DNA from P. oleovorans

```

```

<400> 6
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aggacggccc gaagctgttc gactcgctgg taaaggatgg cgagaaggcc gagaaacagg 180
cgaagaagac cgcagaagat gttgctgaaa ctgccaaagtc gtcgaccact tcgcgtgtgt 240
cgggcgtgaa ggaccgtgcg ctaggcaagt ggagcgaact cgaagaggcc ttcgacaagc 300
gcctgaacag tgccatctcg cgccttggcg tgccgagccg caacgagatc aaggccctgc 360
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ccgcagcggc taaacctgct gccaaagactg cggcggccaa gcctgcggcg aaaccggcag 600
cggccaaacc ggctgtggcg aagaagcctg cagtgaagaa agcaccggcc aagccggcag 660
ccgccaagcc ggcagctcca gcggccagcg ccgctccggc cgctagcgca gttcggcgcc 720
cactgcggct ccggccagca accgccttc ggcacagaca ggcaccggtg ccctgatctg 780
aggatcccc ttt 793
```

<210> 7  
 <211> 54  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer

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<400> 7
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```

<210> 8  
 <211> 29  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer

```
<400> 8
aaacgcggat cttttcatc gttcatgca 29
```

<210> 9  
 <211> 1722  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Sequence contains the DNA coding for PhaC1 from P. aeruginosa

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<400> 9
gggctctaga aataaggaga tatacatatg tggtgtaaga acaataacga gcttccaag 60
caagccgcgg aaaacacgct gaacctgaat ccggtgatcg gcatccgggg caaggacctg 120
ctcacctccg cgcgcatggt cctgctccag gcggtgcgcc agccgctgca cagcgccagg 180
cacgtggcgc atttcagcct ggagctgaag aacgtcctgc tcggccagtc ggagctacgc 240
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cgctacatgc agacctacct ggcctggcgc aaggagctgc acagctggat cagccacagc 360
gacctgtcgc cgcaggacat cagtcgtggc cagttcgtca tcaacctgct gaccgaggcg 420
```

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```

atgtcgccga ccaacagcct gagcaacccg gcggcggtca agcgcttctt cgagaccggc 480
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ggcgccgtgg tggtccgcaa cgacgtgctg gaactgatcc agtaccggcc gatcaccgag 660
tcggtgcacg aacgcccgt gctggtggtg ccgccgcaga tcaacaagtt ctacgtcttc 720
gacctgtcgc cggacaagag cctggcgcg cttctgcctgc gcaacggcgt gcagaccttc 780
atcgtcagtt ggcgcaaccc gaccaagtgc cagcgcgaaat ggggcctgac cacctatata 840
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ctcctcggcg cctgtctccg cgggatcacc accgcgaccc tggtcggcca ctacgtggcc 960
agcggcgaga agaagggtcaa cgccttcacc caactggtca gcgtgctcga cttcgaactg 1020
aatacccagg tcgcgctggt cgccgacgag aagactctgg aggccgcaa gcgtcgttcc 1080
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ttcgacatcc tctactggaa caacgacacc acgcgcctgc ccgccgcgct gcacggcgag 1260
ttcgtcgaac tggtcaagag caacccgctg aaccgccccg gcgccctgga ggtctccggc 1320
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cacatcacc cctgggagtc gtgctacaag tcggccaggc tgctgggtgg caagtgcgag 1440
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gcacgcttca tgaccaatcc ggaactgccc gccgagccca aggcctggct ggaacaggcc 1560
ggcaagcacg ccgactcgtg gtggttgac tggcagcaat ggctggccga acgctccggc 1620
aagacccgca aggcgcccgc cagcctgggc aacaagacct atccggccgg cgaagccgcg 1680
cccggaacct acgtgcatga acgatgaaaa ggatccgcgt tt 1722

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<210> 10  
 <211> 36  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer

<400> 10  
 tatgactagt gattataaag atgatgatga taaaca 36

<210> 11  
 <211> 36  
 <212> DNA  
 <213> Artificial Sequence

<220>

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&lt;223&gt; Primer

&lt;400&gt; 11

tatgtttatc atcatcatct ttataatcac tagtca

36

&lt;210&gt; 12

&lt;211&gt; 1716

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Sequence contains the DNA coding for Phac1 from *P. aeruginosa* and the DNA coding for a FLAG epitope

&lt;400&gt; 12

atgactagtg attataaaga tgatgatgat aaacatatga gtcagaagaa caataacgag 60

cttcccaagc aagccgcgga aaacacgctg aacctgaatc cggatgatcgg catccggggc 120

aaggacctgc tcacctccgc gcgcatggc ctgctccagg cggatgcgcca gccgctgcac 180

agcgccaggc acgtggcgca ttccagcctg gagctgaaga acgtcctgct cggccagtcg 240

gagctacgcc caggcgatga cgaccgacgc ttttccgata cggcctggag ccagaatcca 300

ctgtacaagc gctacatgca gacctacctg gcctggcgca aggagctgca cagctggatc 360

agccacagcg acctgtcgcc gcaggacatc agtcgtggcc agttcgatc caacctgctg 420

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tacgtcttcg acctgtcgcc ggacaagagc ctggcgcgct tctgcctgcg caacggcgtg 780

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gacctcaacc tcctcgccgc ctgctccggc gggatcacca ccgcgaccct ggtcggccac 960

tacgtggcca gcggcgagaa gaagggtcaac gccttcaccc aactgggtcag cgtgctcgac 1020

ttcgaactga ataccaggt cgctgtgttc gccgacgaga agactctgga ggccgccaag 1080

cgatgttctt accagtccgg cgtgctggag ggcaaggaca tggccaagggt gttcgctggt 1140

atgcgcccc aagacctgat ctggaactac tgggtcaaca actacctgct cggcaaccag 1200

ccgcccgggt tcgacatcct ctactggaac aacgacacca cgccctgccc cgccgctg 1260

cacggcgagt tcgtcgaact gttcaagagc aacccgtga accgccccgg cgccctggag 1320

gtctccggca cgcccatcga cctgaagcag gtgacttgct acttctactg tgatgccggg 1380

ctgaacgacc acatcacccc ctgggagtcg tgctacaagt cggccaggct gctgggtggc 1440

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gaacaggccg gcaagcacgc cgactcgtgg tggttgcact ggcagcaatg gctggccgaa 1620
cgctccggca agaccgcaa ggcgcccggc agcctgggca acaagaccta tccggccggc 1680
gaagccgcgc ccggaaccta cgtgcatgaa cgatga 1716
```

<210> 13  
 <211> 34  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer

<400> 13  
 ggactagtat gaccatgatt acggattcac tggc 34

<210> 14  
 <211> 41  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer

<400> 14  
 ccactagttt ttgacacca gaccaactgg taatggtagc g 41

<210> 15  
 <211> 3088  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Sequence contains the lac-Z gene from E. coli

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<400> 15
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aaaaccctgg cgttacccaa cttaatcgcc ttgcagcaca tccccctttc gccagctggc 120
gtaatagcga agaggcccg accgatcgcc cttcccaaca gttgcgcagc ctgaatggcg 180
aatggcgctt tgcctggttt ccggcaccag aagcgggtgcc ggaaagctgg ctggagtgcg 240
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gccagacgcg aattatTTTT gatggcggtta actcggcggt tcactctgtg tgcaacgggc 480
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## 527220\_1\_Corrected Sequence Listing P510596-SEQ.ST25.TXT

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tgacgccgct	gcgcgatcag	ttcaccctg	caccgctgga	taacgacatt	ggcgtaagt	2400
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aggccgaagc agcgttggtg cagtgcacgg cagatacact tgctgatgcg gtgctgatta	2520
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